WHAT IS CLAIMED IS:

1. A damascene interconnection, comprising:

an interconnection trench formed in an insulating film and a pad trench communicating therewith;

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a protrusion formed by a portion not removed of said insulating film in said pad trench to decrease a substantial opening area of said pad trench; and

a conductive film buried in-said interconnection trench and said pad trench.

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2. A damascene interconnection according to claim 1, wherein said protrusion is formed not to divide said conductive film buried in said pad trench.

- 3. A damascene interconnection according to claim 2, wherein said protrusion increase a plurality of island\protrusions distributed at a proper interval in said pad trench.
- 4. A damascene interconnection according to claim 2, wherein said protrusion includes a ridge.
- 5. A damascene interconnection according to claim 1, wherein said protrusion is formed to divide said conductive film buried in said pad trench.
- 6. A damascene interconnection according to claim 5, wherein said protrusion includes a closed-loop ridge encompassing one part in said pad trench.

7. A damascene interconnection according to any of claims 1 to 6, further comprising a contact hole formed in said pad trench and electrically connecting between said conductive film and another conductive film arranged in a level lower than said insulating film.

8. A semiconductor device comprising:

a semiconductor substrate;

an insulating film formed on said somiconductor substrate;

an interconnection trench formed on said insulating film and communicating with

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a pad trench formed on said insulating film and communicating with said interconnection trench;

a protrusion formed by a portion of not removed of said insulating film in said pad trench and reducing a substantial opening area of said pad trench; and

a conductive film byried in said interconnection trench and said pad trench.

9. A semiconductor device according to claim 9, wherein said protrusion is formed not to divide said conductive film buried in said pad trench.

10. A semiconductor device according to claim 9, wherein said protrusion includes a plurality of island protrusions distributed at a proper interval in said pad trench.

11. A semiconductor device according to claim 9, wherein said protrusion includes a ridge.

12. A semiconductor device according to claim 8, wherein said protrusion is formed to divide said conductive film buried in said pad trench.

13. A semiconductor device according to claim 12, wherein said protrusion includes a closed-loop ridge encompassing one portion in said pad trench.

14. A semiconductor device according to any of claims 8 to 13, further comprising another conductive film formed in a level lower than said insulating film, and a contact hole formed through said insulating film in said pad trench and electrically connecting between said conductive film and said other conductive film.

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